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The

Vol. XLV, Dec. 1947, No. 3

Cornell Countryman

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Merry Christmas!

Campus to GENERAL ELECTRIC

AIR CONDITIONING CHEMICAL ENGINEER

D-Day Veteran John Stiefel concentrates on
G-E problems instead of chemical mortars

After receiving his B.S. in chemical engineering at the University of Illinois in 1942, John Stiefel went into the Army Chemical Corps, landed in the sixth wave on D-Day, fought through France and Germany, mortared the Nazis, got mortared himself, and came out with a Purple Heart, a Bronze Star and a great eagerness to get back to the practice of non-destructive chemistry.

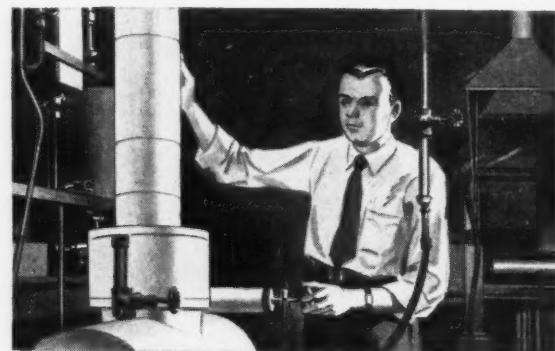
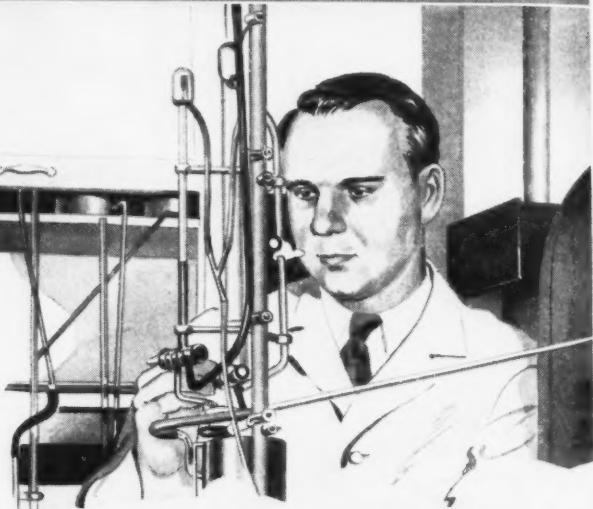
He spent three weeks travelling around the states from one employment interview to another. In the end he decided on General Electric—particularly the Air Conditioning Department in Bloomfield, N. J.

"I figured," he says, "that a company like General Electric, growing outside of purely electrical projects into such chemically-based fields as atomics, paints, and plastics, would offer all the chemical opportunities I could want. I wasn't wrong."

John joined the company in December, 1945, and went to work in the Bloomfield Works Laboratory. Although air conditioning is essentially the application of unit processes he had learned at Illinois, he had never had any specific training in the subject. He set out to learn about it and about General Electric. G-E courses in materials and processes and in sales analysis helped him.

At Bloomfield, John has helped establish the Works Laboratory, plan its expansion, and has prepared test methods for it. He is now the laboratory's Chemical Section Head and a consultant on chemical engineering problems for the Air Conditioning Department. With further expansion underway in personnel, equipment and floor space, John's job grows steadily.

For your copy of "Careers in the Electrical Industry," write to Department 237-6, General Electric Company, Schenectady, N. Y.



At Illinois John did some special work on distillation processes, but it has been his grasp on chemical fundamentals, he says, that has helped him most at G. E.



As commander of Company A of the 87th Chemical Mortar Battalion, John hit the Normandy beaches early on D-Day. He received five battle stars for service in Europe.

GENERAL  ELECTRIC

HARRY SCHOGER, Plainfield, Illinois
Men's Class Winner in National plowing matches at Big Rock,
Illinois, and Wheatland, Illinois

ROBERT ERICKSON
Championship Class Winner in National plowing matches,
Big Rock, Illinois, and Wheatland, Illinois

Firestone

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CHOICE of CHAMPIONS

IN ALL THREE 1947 NATIONAL
PLOWING MATCHES

GENE FERGUSON, Oskaloosa, Iowa
Open Class Contour Winner, Webster City, Iowa

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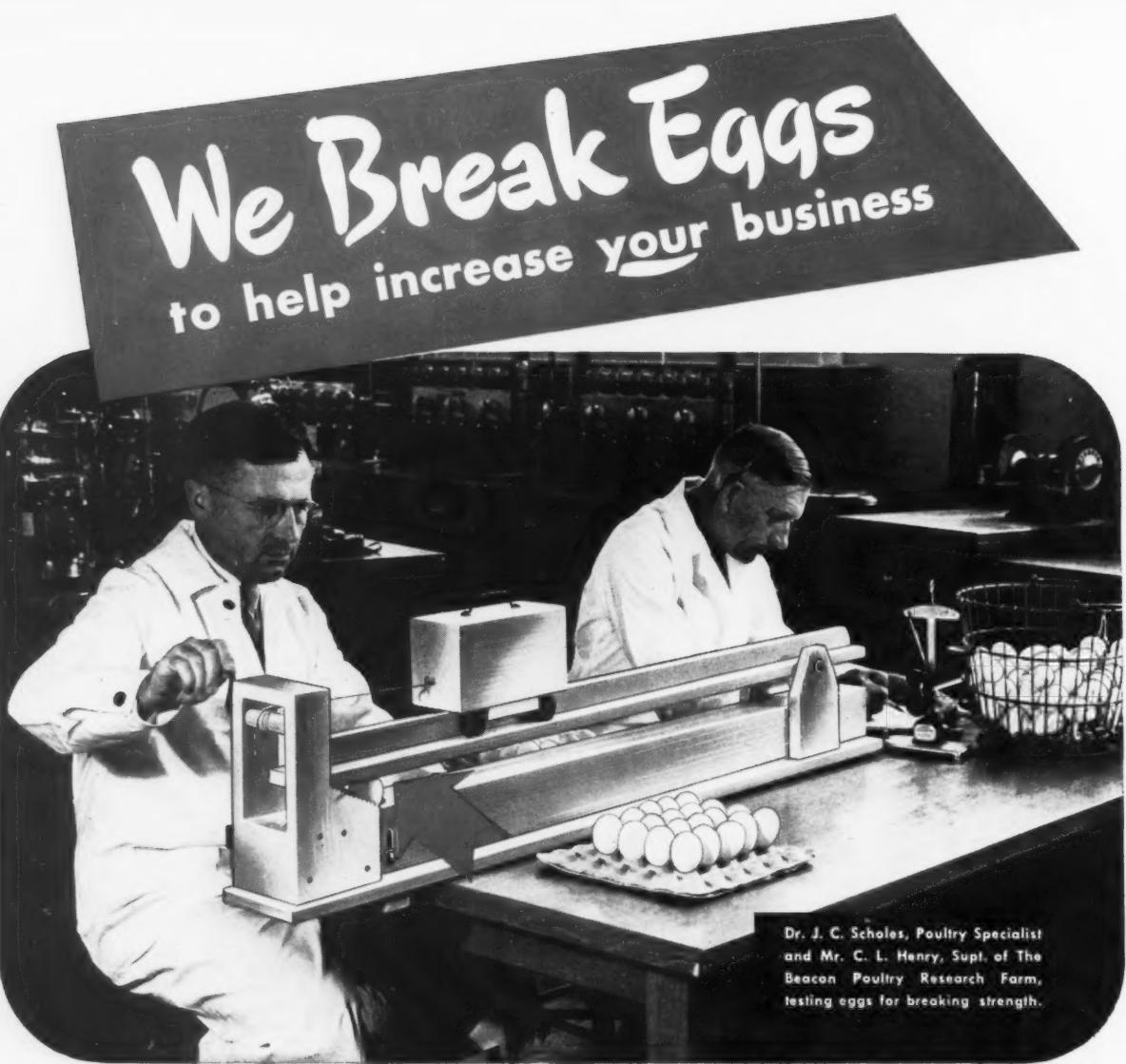
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and Mr. C. L. Henry, Supt. of The
Beacon Poultry Research Farm,
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The Cornell Countryman

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Up to Us

We have been hearing a great deal lately about the critical shortage of clothing, shelter, and especially food, in Western Europe. The government is trying all kinds of schemes, including the Marshall plan, in an effort to help these people. But whenever the government does anything it is usually accused of having political rather than humanitarian motives.

Notwithstanding all the arguments advanced to discourage European relief, such as its reported ineffectiveness and misuse, it is important that we in America do everything in our power to help out our European neighbors, if we have any faith whatever in our country and in God. Christmas seems like a particularly appropriate time to bring up the subject of giving; but that doesn't mean we should confine our Christmas spirit of giving to December alone.

Most Americans believe that something should be done about helping the starving Europeans, but they don't have much idea of what to do about it. Curtailment of food consumption or livestock production cannot be enforced. When the people of America act by themselves, their gifts are appreciated more by the peoples of Europe. The Freedom Train was on the right track. How about a Freedom Train II, or a Christmas train?

Probably no other city in the United States has been as generous as Dunkirk, here in New York State. First they "adopted" Dunkirk, France, and contributed generously to the relief of that city; at the same time Dunkirk went all out for Polish relief.

To our knowledge, no other city has since ventured to duplicate this feat, although Dunkirk is no wealthier than many other cities. Recently we hear that the inhabitants of Anzio, Italy are being given a helping hand—by Dunkirk, N. Y. It is an idea for other cities to copy.

If we have any intention of helping to feed and clothe our European neighbors now so that they will be good neighbors in the future, it's up to us.

—F.T.

Is There a Santa Claus?

We take pleasure in answering at once and thus prominently the communication below, expressing at the same time our great gratification that its faithful author is numbered among the friends of *The Sun*:-

"Dear Editor: I am 8 years old. Some of my little friends say there is no Santa Claus. Papa says 'If you see it in The Sun, it's so.' Please tell me the truth, is there a Santa Claus?"

VIRGINIA O'HANLON, 115 West 95th Street."

Virginia, your little friends are wrong. They have been affected by the skepticism of a skeptical age. They do not believe except they see. They think that nothing can be which is not comprehensible by their little minds. All minds, Virginia, whether they be men's or children's, are little. In this great universe of ours man is a mere insect, an ant, in his intellect, as compared with the boundless world about him, as measured by the intelligence capable of grasping the whole truth and knowledge.

Yes, Virginia, there is a Santa Claus. He exists as certainly as love and generosity and devotion exist, and you know that they abound and give to your life its highest beauty and joy. Alas! how dreary would be the world if there were no Santa Claus! It would be as dreary as if there were no Virginias. There would be no childlike faith then, no poetry, no romance to make tolerable this existence. We should have no enjoyment, except in sense and sight. The eternal light with which childhood fills the world would be extinguished.

Not believe in Santa Claus! You might as well not believe in fairies! You might get your papa to hire men to watch in all the chimneys on Christmas eve to catch Santa Claus, but even if they did not see Santa Claus coming down, what would that prove? Nobody sees Santa Claus, but that is no sign that there is no Santa Claus. The most real things in the world are those that neither children nor men can see. Did you ever see fairies dancing on the lawn? Of course not, but that's no proof that they are not there. Nobody can conceive or imagine all the wonders there are unseen and unseeable in the world.

You tear apart the baby's rattle and see what makes the noise inside, but there is a veil covering the unseen world which not the strongest man, nor even the united strength of all the strongest men that ever lived, could tear apart. Only faith, fancy, poetry, love, romance, can push aside that curtain and view and picture the supernatural beauty and glory beyond. Is it all real? Ah, Virginia, in all this world there is nothing else real and abiding.

No Santa Claus! Thank God he lives, and he lives forever. A thousand years from now, Virginia, nay ten times ten thousand years from now, he will continue to make glad the hearts of childhood.

For 50 years—always on the night before Christmas—*The New York Sun* has reprinted this ageless, heart-warming editorial. Every Christmas for half a century its treasured theme—"Yes, Virginia, there is a Santa Claus"—has faithfully reassured youngsters and rekindled fond memories of the older folks. Probably never was there a more consistent—nor a more satisfying—way

of making friends and saying "Merry Christmas!"

Now with a courtly bow to Virginia—and a grateful one to the Sun—*The New York State Colleges of Agriculture and Home Economics at Cornell* would like to add their own wish that your Christmas will indeed be a joyful one and that 1948 may be a grand year for you.

They Help Farmers - - Help Themselves

by Ruth Dymes '50

Expanding its staff and program with each succeeding crisis during the thirty years of its existence, the Extension Service has today an organization which is bigger and better than ever before. It is an organization which is characteristically American in principle and practice.

"To aid in diffusing among the people of the United States useful and practical information on the subjects relating to agriculture and home economics, and to encourage the application of the same, an Agricultural Extension Service shall be set up." This quotation from the Smith-Lever Act, signed in 1914 by President Woodrow Wilson, announced the official birth of that which has come to mean Farm and Home Bureaus, 4-H clubs, friendly chats with county agents, and bulletins and demonstrations on everything from Christmas cookies to artificial insemination of livestock, to 200,000 men, women, and children in New York State alone. This was the recognition by the government of the need felt by the farmers many years before. As early as 1785, in Philadelphia, a society had been organized to help agriculture and to inform farm families about subjects of interest and value. Later, Farmers' Institutes were organized in many states to bring farmers together at meetings to discuss advancements made in home economics and agricultural research. The farmers who had grown dissatisfied with the old Farmers' Institutes and the haphazard flow of information, welcomed this organized system which was a cooperative arrangement between the Land Grant Colleges and Universities, and the United States Department of Agriculture.

Research is done in our leading

Ruth Dymes, sophomore in the College of Agriculture, is a Countryman competitor this term.

Land Grant Colleges and Universities, established and supported by government funds. The information found through this research is prepared and brought to the people by government-paid men. Despite this, however, the Extension Service is not a government program.

Educational Service

The Extension Service is first and foremost an educational program. Its objective is to help the farmer help himself. Through the Extension workers in the counties, the farmers are presented with the facts. Programs are planned *with* the farmers, not *for* them. The farmers are offered solutions which are practical and within their reach. The programs prepared are intended primarily to increase the welfare and happiness of the rural population.

To bring this cooperative, educational program to the people there are approximately twelve thousand workers in the United States today. This includes administrative personnel, specialists, county agents, and their assistants. In New York State these workers are organized

under L. R. Simons, Director of Extension, who represents the New York State Colleges of Agriculture and Home Economics to the United States Department of Agriculture. Miss Frances Scudder has recently been appointed co-ordinator of extension work in home economics.

Things To Come

The problems which the Extension Service faced in the past were minute compared to those which will confront it in the next few years. There is the possibility of a falling general price level. The price of the products the farmers have to sell always falls at a more rapid rate than the price of the things he must buy. Despite the falling prices, the cost of labor will remain high. An increase in the use of expensive machinery will be necessary if the farmer is to compete effectively. The Extension Services will also have to consider increased interest in better diets, the expanding frozen food market, the growing rural non-farm population, and a greater interest in educational, cultural, and recreational matters in planning their programs.

(Continued on page 17)



One of the 12,000 traveling information bureaus at work.

Farm of the Future

by Fred Trump '49

Among Cornell's countless great achievements have been many improvements in farming and farm life. With this in mind, a member of our staff catapulted himself into the year 1967 to the farm of J. D. Snodgrass and sent back the following interview.

"How large is your farm, and what do you raise, Mr. Snodgrass?"

"Oh, about average size for this section of New York State—375 acres, 115 acres of it in woods. The rest is cropland and pasture for our modest dairy of 96 registered head, with the exception of four acres of fruit and vegetables, and a 3-acre poultry range for 800 chickens.

"The barn here is a fireproof fibre-glass structure, the inside divided into air-conditioned compartments, each with a door that seals automatically in case of fire. Carbon dioxide can then be pumped into the compartments. In the basement are the pens for the cows and the calves. We drive the cows out to the milking parlor where we stanchion 12 at a time, feed them grain, and milk four at once. The milk passes through plastic pipes directly to the milk cooler in another compartment. At the end of the barn are five large silos for corn and grass. A slicing device shears off the silage and a blower sends it to the mangers in the pens. We have no horses of our own, but the co-op center has two teams which we rent occasionally for woodland work."

Co-operatives

"What is this co-op?"

"The farm co-operative organizations in the state vary somewhat depending on the type of farms in them. Ours covers ten farms; it keeps several bulls, provides the hay driers, combines, helicopters, and feed mill. Commercial fertilizer and grain are shipped to us in carloads, and are trucked in bulk from the railroad siding to

each farm to be blown into bins in the barn.

"The grain is carried by conveyor belts to spouts over the feeding trough. Each spout has a dial which we set according to each cow's milk production, and the correct amount of grain comes down."

Soil Conservation

"Each co-op has an agronomy and soil conservation specialist who keeps in close touch with the farmers. Property damage to another farm by soil erosion is punishable by law. All of our cropland and meadows are laid out in strips along the contour of the land, and diversion channels extend across many former hedgerows and gullies where several separate farms once existed.

"The co-op center also has a weather specialist who bombards suitable clouds with dry ice. This is not entirely effective, so that on intensive cash crops portable irrigation pipes are widely used."

"What are the helicopters used for?"

"They are used extensively for spraying cropland and orchards with weed-killer, insecticides, and fungicides, and for spreading lime on pastures where large machinery cannot operate easily. We put away a great deal of hay also. We are not at all dependent on the weather, since we use a mobile hay dryer and can complete the first cutting in 12 days.

"Well, I must be getting back to Ithaca now."

"Come again sometime; some of the classes fly up here for afternoon labs, you know."

(The views expressed herein are those of the author, not those of the Countryman or Cornell University.)

Fred Trump is a Junior in Ag and hails from a grape farm near Westfield.

Foertsch Speaks On Job Opportunities

"Job applications and job interviews" will be the subject of the address given before the Senior Class of the College of Agriculture by Walter H. Foertsch, Hotel '39 on December 11th at 8 p.m. in Warren auditorium.

Mr. Foertsch is employed by Eastman Kodak Company in the Industrial Relations Department, and is well known as a speaker on this subject.

This is the first of a series of talks to be presented on the general topic of "Job opportunities for graduates of the College of Agriculture." It is sponsored primarily for the Senior Class, but interested members of the Junior Class are invited.



Sometimes I wish that I had never told them I took Ag at Cornell.

Farm and Home Week

Cornell will resume its annual Farm and Home Week next April 6 to 9, the four days immediately following Easter recess. Deans Myers and Vincent announced that special arrangements will be made to surmount the food and housing problems.

Attendance at Farm and Home Week, normally one of the largest rural meetings in the state, has reached 15,000 in the past, and the demand for its resumption is indicative of its past success.

Down They Go

by Jane Wigsten '50

The members of the textile and clothing class, yardsticks and pins in hand, surveyed each other with mixed feelings. They had come to the time in skirt construction when hems must be marked, and they had done their duty by the latest fashion trends, for all the hemlines were distinctly nearer the floor. As one member of the class expressed it, "I've got the 'new' look—just like a freshman!" Undoubtedly the freshman girls and their mothers, in purchasing their new college wardrobes, fell prey to the campaigns carried on by most stores and women's magazines to establish the new fashions—longer and fuller skirts, date dresses and suits with bustles and hip padding, and full backed coats. This year, they chorus, the smart woman must be Feminine from head to toe.

Fashion Cycles

If we stop to study the trends however, we can realize that the "new" look is not really new at all. Since American women have had an opportunity to own fine clothes, definite fashion cycles—three in kind—have been regularly recurring, with each type controlling our dress for about thirty years at a time. These fashion types, characterized by the shape of the skirt, are called bell shape, back fullness, and tubular. When Martha Washington was first lady, the back fullness style reigned. Since then tubular, bell shape, back fullness, and tubular again, have all set the standard for our dress over a definite period.

World Effects on Fashion

Modifications from the normal fashion trends have been evidenced during every major war, and as a result of every economic crisis. The first world war marked the beginning of shorter skirts, when the most daring women exposed their shoe tops. The successful competition of women against men in political and economic fields during the 1920's was accompanied by even shorter skirts and more masculine

dresses. Then at the onset of the depression of 1932, skirts once more became longer as women tended to retire from the upset business world.

Future Dress

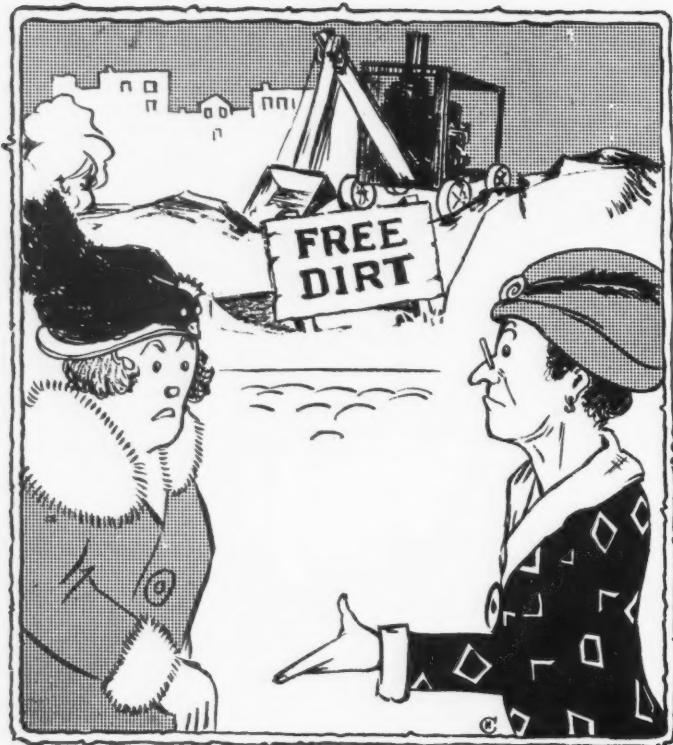
I do not pretend to predict what the future holds in store for clothes conscious Americans. It is said that fashion ten years before its time is indecent, one year before daring, and fifty years after its time, charming. Daring has often been used in

describing this year's models, and according to our recurring fashion cycle rules, the bell shape silhouette is due for a return engagement. From all sides it looks as though the "new" look is here to stay—for better or for worse.

Jane Wigsten, Home Ec '50, is an extension major, and is from Horseheads.



Or maybe it's not so new after all . . .



Many of our readers have requested a personal column. With this issue we attempt to bring you items of interest. We would appreciate any suggestions for subject material and a more suitable title.—Ed.

The Farm Bureau, Home Bureau, and 4-H Club Federations met in Syracuse, November 17, 18, and 19 for their annual State meetings. William I. Myers, Dean of the New York State College of Agriculture, and Elizabeth Lee Vincent, Dean of the New York State College of Home Economics, addressed all three groups in their various meetings. Glenn Wallace, president of the NYS Federation, presided at the Annual State Banquet on Monday evening and Albert Hoefer, State 4-H Club Leader acted as Master of Ceremonies. The program featured entertainment by the Savage Club Quartet of Ithaca and was highlighted by the State 4-H Club Square Dance Contest.

The State 4-H Club Council held their annual meeting in conjunction with the Federation groups. Jim Hume, Cornell '50, presided. Floyd Morter, Cornell '49, was elected president for the 1948 year.

A group of twenty Cornellians attended the State Banquet on Monday evening.

Several Ag-Domecon Council members, among them Bud Stanton, Ned Bandler, Bob Clauson, and Ernie Schaufler, spoke before Freshman orientation classes on campus activities. They described the various activities and urged that each student join actively in at least one organization.

Orville Beyea and Frank Simpson, members of the class of '51 in the College of Agriculture, were awarded \$200 scholarships for na-

tional achievements in their respective 4-H Club projects, "Better Electrical Methods" and "Better Gardens," at the 30th annual National Club Congress held in Chicago, Ill., November 30 to December 4.

Junior Growers

Nine students of the ag college participated in the annual meeting of the New York State Junior Vegetable and Potato Growers held in Syracuse, N. Y., November 20-22. Several honors were brought back to Cornell by these active students.

Rodney Sullen '51, was given the first place rating for his vegetable demonstration. Frank Simpson and Larry Specht, also class of '51, took third place for their demonstration on potato blight.

George Bull and Rodney Sullen were elected to the governing body of the association at the annual meeting: George to the executive committee, Rodney as secretary-treasurer.

Other Exhibits

Among the Cornell students who entered vegetables in the show were Ernest Young '50, Bill Bean '51, and George Bull. Roger Gleason '49, Specht, and Bull took part in the vegetable and potato judging contest.

George Goetchus '51, former president of the State J.V.P.G. Association, Jean Lawson '50, former secretary-treasurer, and Betty Sharp '49, helped with the administration of the program assisting Dr. A. J. Pratt of the Veg Crops Department. Edward Clinker, graduate student in veg crops, acted as judge at the show.



Frank Simpson and Larry Specht and their 4-H demonstration.

CLUB NEWS

Home Economics

The Home Economics Club held a combined business meeting and Christmas party on December third. At this meeting, Ruth Humphrey gave a report on the National Home Economics Conference held in Washington, D. C. and at the University of Maryland on November eighth. She and Miss Loving, faculty advisor, were delegates to the conference from Cornell.

The Club has been busy with its Snack Bar, operating in the Student Lounge of Martha Van Rensselaer from 4-6 p.m. every Wednesday. There, students meet friends for a game of bridge and cokes galore. The Club also has charge of Davy's Locker, held every Friday evening in the Balch Recreation room, which features cards, records for dancing, and snacks for the hungry.

A major accomplishment for the Home Ec-ers was the presentation on October 31 of a fashion show in connection with the Friday afternoon teas at the Straight. Held in the Memorial Room, over 200 persons enjoyed seeing more than a dozen models show their styles, new and old. Designed by the co-chairmen, Barbara Benisch and Jeanne Brodeur, to cover all activities on campus, the Falling Fashions concluded with a glance at styles for houseparty weekends.

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Floriculture

At the meeting on Nov. 20th, the Floriculture Club voted to support Ag-Domecon's plan for activities on the Upper Campus. Plans were made for a Christmas party on the 18th of December. Two members of the club showed slides of their trip through the Adirondacks and speaker Harold King advised the members on the amount of experience it is advisable to have before going into the commercial floriculture business.



Veg Crops

At their December 9 meeting in the Plant Science Seminar, the Vegetable Crops Club heard F. G. Geiss, who is a processor's fieldman in the Research and Developing Department of the American Can Company.

◆ ◆ ◆

Poultry

Mr. J. C. Huttar of the G.L.F. Poultry Service discussed chicken farming throughout the Northeast, at the Poultry Club's second meeting of this term. Mr. Huttar gave the club some valuable advice on poultry production which he had accumulated over many years by observing different farming conditions.

At another meeting, Professor G. F. Heuser showed excellent

movies of an extensive trip through North America. Plans were also made at that time to hold an open house at Rice Hall at the beginning of January, at which professors in the laboratories will explain the research they are doing.



◆ ◆ ◆

Round-Up

Dr. D. W. Baker, parasitologist of the College of Veterinary Medicine, gave an interesting talk on "Parasites in Livestock" at the meeting of the Round-up Club on November 25. Several films and slides were shown, special interest being placed on mange, which has been troubling New York farmers this past year.

The club is sponsoring a Student Dairy Judging Contest at the Judging Pavilion on December 13. Prizes will be offered and all students except members of the Dairy Judging Team, who will not be permitted to compete, are urged to enter the contest and test their skill.

(Continued on page 14)



Intently watching Ned Bandler cut a cheddar cheese are members of the Dairy 103 cheese course, all of whom belong to the Dairy Science Association. In the usual order we have: Ed Klein, Fred Fleischman, Prof. Ayres, Ned, Joe Apicella, Bill McCadam, Hal Newlander, Al Rosenberg, Paul Wagner, Al Schwartz, Pat Gibbons, Bob Stowe, Pete Demnitz, Frank Tomaino, John Shaul, instructor Dick March, and Leo Fink.



Millie Bentley

"Do you really want to know why I transferred from Ohio University to Cornell rather than to Syracuse?" Petite, dark-haired Millicent Bentley didn't hesitate a minute, and with a characteristic twinkle in her eye added, "When I saw Jape's and those little paths in the gorges, it just had to be Cornell."

Millie, a native of Worcester, New York, attended Ohio University, her father's alma mater, for one year. During that year she became a member of Alpha Lambda Delta, the honor society for freshman women. It was as a seasoned sophomore that she joined the ardent supporters of the Big Red.

In her Junior year, Millie plunged into campus activities. Among her extra-curricular interests were: Round-Up Club, Kermis Club, Country Holiday Dance Committee and Spring Day Decorations Committee. She was elected to the Ag-Domecon Council last spring and joined another Barton Hall dance decoration committee, YAS-NY, this fall.

Millie is also well known by those who frequent the Home Economics cafeteria, since she is employed there as a checker.

Millie is planning a career in fashion merchandising. Toward this end she has spent her summers gaining experience as a salesgirl, and her winters concentrating on textiles and clothing and related courses at Cornell.

Our wishes for success in this highly competitive field follow. Millie when she graduates in June. With her Cornell background and her own personal charm, success should not be hard to attain. E.M.



Stew Fish

If there is an early bird who catches the worm, it is Stewart Fish of the class of '48. "Stew", as he is known to his friends, rises at 6:30 on Whiffletree Farm and feeds the sheep and horses before he heads for the ag campus.

Stew has been a member of the Round-up Club since his freshman days, and was last year's president. He has also been active in the Grange since last spring, and as a staff writer has frequently contributed to the COUNTRYMAN. His scholastic average has also made it possible for him to join Ho-nun-dekah, senior honor society in agriculture.

The blue eyes of this Animal Husbandry major will light up at the mention of cats, dogs, sheep or cattle. Skiing and square dancing rate tops on his recreational enthusiasm list.

Livestock judging is Stewart's major interest, and he was selected as an alternate judge from Cornell to the recently held Intercollegiate Judging Contest.

You guessed it. Stew's hopes for the future are to enter farm management and to have a dairy farm of his own. He has been enthusiastically working towards this goal since the age of five, spending his summers on a farm in Dutchess County, and actively participating in many of the clubs in the ag college.

Stew came to Cornell from Long Island where he attended Great Neck High School. Living and working at Whiffletree Farm, Stew's objectivity and singleness of purpose has successfully borne him thus far through Cornell and causes us to predict a rosy future for him. X.R.



Joe Orsenigo

Joe Orsenigo is at present a Senior in the Ag school, six years after beginning his Cornell career in 1941.

Joe, newly arrived from Washingtonville, N. Y., thrust himself into campus affairs immediately becoming a member of the Freshman Rifle Team. The Newman Club also claimed him and he is a charter member of the Cornell Grange, having joined in 1941 when it was first organized. He was its first chaplain and its first treasurer in 1941 and 1942. As a Sophomore, he joined Cayuga Lodge and was named secretary in 1943.

By the summer of 1943, Joe was at Indiana University in the ASTP. He made Varsity Rifle Team there, which, since the CO was an ardent rifle fan, earned him his pass hours ahead of the rest of the company. From Indiana U., Joe was made a member in good standing of the 20th Armored Division. He served with AMG in Germany and Austria.

September 1946 saw Joe again on Cornell's Ag Campus. He was elected a member of the Board of Trustees of Cayuga Lodge. Last spring he was chosen Captain of the Varsity Rifle Team. This came shortly after he secured fourth position in the Eastern Conference of the National Intercollegiate Rifle Championships. Joe also shot tenth best in the nation.

If any of you have talked with Joe this fall you may have been startled by a definite Spanish accent. He spent the past summer at the *Universidad Nacional de Mexico*, where he studied Spanish, and Mexican agricultural problems.

Joe, intensely interested both in Agronomy and Mexican affairs



Connie Avery

"Do I know Connie Avery? She's that little brunette with the big smile—why sure, everybody knows Connie!" And anyone who has ever talked to Connie does not have to be reminded that she comes from Winthrop, Mass., — "just outside Ba-aston."

The seventh of a family of eight children, Connie spends most of her summer vacations at her sister's home—a 700-acre Ayrshire dairy farm in the New Hampshire hills. She tells us that she chose to come to Cornell because of the Ag school's good reputation. Her active membership in Round-Up Club and 4-H Club through the years indicates that the enthusiasm is still with her. Further interests lie in her position on the Senior Class Council of WSGA, CURW Council and Sigma Kappa sorority.

One of the most familiar faces around Wesley Foundation during the past few years, she has been chairman of the Program and Personnel committees and this year is President of the Foundation. Connie is very much interested in the field of social religious youth work. Last summer she was a Cornell delegate to the Regional Methodist Leadership Conference at Pemberton, New Jersey, but one of her deepest ambitions will be furthered when Connie attends the North American Student Conference at Lawrence, Kansas, as a New York State representative of the Methodist movement, during Christmas vacation.

D.P.

plans to return to Mexico upon obtaining his degree in June of 1948.

P.C.

Dairy Team Judges Bissell Wins Medal

by Chuck Adams

It's no easy task—this dairy products judging! Facing the contestants on a long table are ten samples of milk, butter, cheese and ice cream. Each sample may be 'good,' 'bad,' or 'indifferent' in flavor, odor, color, appearance, and texture. It is the job of the contestant, in the short interval of forty minutes, to examine these samples and make placements.

Cornell's Team

The Cornell Dairy Products Team, coached by Prof. E. S. Guthrie, has been in two contests this year, the first of them the Eastern States Contest held in Springfield, Massachusetts.

Seven teams were entered in this contest. The members of the Cornell team were Alice Bissell (alternate), Thomas Kimble, Alvin Rosenberg, and Frank Tomaino. Our team placed first in judging milk and ice cream, and fourth in judging all products.

Away from Ithaca just one week, the team went to Miami Beach to compete with eighteen other teams in the International contest. Placing third in butter and sixth in cheese, the team tied Iowa for eighth place in all the products. Alice Bissell placed second in judging butter.

Started in 1920

Originating about 1920, the dairy products judging contests started with butter. Then cheese, milk, and ice cream were added and in 1930 the contest became a full fledged annual tradition. People in various milk and milk products plants, as well as manufacturers of dairy equipment, gather to discuss matters of common interest. On alternate years there are equipment expositions in connection with the meetings and contests.

The rules and setup of the contests come under the jurisdiction of the American Dairy Science Association, which obtains an expert from the commercial field in the judging of each product.

\$850 Fellowship

At an awards dinner various dairy products concerns and dairy equipment manufacturers award prizes to the contestants. This year the high prize was an \$850 fellowship, awarded to promote research work in dairy industry.

With a growing emphasis in today's diet placed on epicurean perfection (despite the food shortage), these contests and meetings are becoming more and more significant. The contests help to establish in-

(Continued on page 18)



Clauson '50

The Cornell Dairy Products Judging Team displaying the two trophies they won at the Eastern States Exposition in Springfield, Mass., and the medal won by Alice Bissell, in the Miami Contest. L. to r. Frank Tomaino, Tom Kimball, Alice, Al Rosenberg, and faculty adviser, Prof. E. S. Guthrie.

The Cow

The cow is a female quadruped with an alto voice and a countenance in which there is no guile. She collaborates with the pump in the production of a liquid called milk, provides the filler for hash, and at last is skinned by those she has benefited, as mortals commonly are.

The young cow is called a calf, and is used in the manufacture of chicken salad.

The cow's tail is mounted aft and has a universal joint. It is used to disturb marauding flies, and the tassel on the end has unique educational value. Persons who milk cows and come often in contact with the tassel have vocabularies of peculiar and impressive force.

The cow has two stomachs. The one on the ground floor is used as a warehouse and has no other function. When this one is filled, the cow retires to a quiet place where her ill manners will occasion no comment, and devotes herself to belching. The raw material thus conveyed for the second time to the interior of the face is pulverized and delivered to the auxiliary stomach, where it is converted into cow.

The cow has no upper plate. All of her teeth are parked in the lower part of her face. This arrangement was perfected by an efficiency expert to keep her from gumming things up. As a result, she bites up and gums down.

The male cow is called a bull and is lassoed along the Colorado, fought south of the Rio Grande,

Problem: The Household Solution: Management

by Eleanor Flemings '49

"Tell me, why is there such a course as Home Management, and what do the extension workers in that field ever find to do?" asked a curious freshman the other day. Being very helpful as an experienced upperclassman, I started to explain, but found the subject to be more complex than I had first realized.

Always talking about good management and successful living and even efficiency can seem very theoretical on the surface as well as confusing to most of us, but not so to Miss Ella Cushman. As Associate Professor in the Department of Economics of the Household, and author of *Management in Homes*, Miss Cushman has been working with homemakers trying to discover just how they manage and why they choose the particular way of living they do.

Students taking the course in management under Miss Cushman have a chance to see first-hand what is being done in homes, rather than basing all their knowledge on one

and shot in the vicinity of the Potomac.

A slice of cow is worth 8 cents in the cow, 14 cents in the hands of packers, and \$2.40 in a restaurant that specializes in atmosphere.

— *Baltimore Evening Sun*

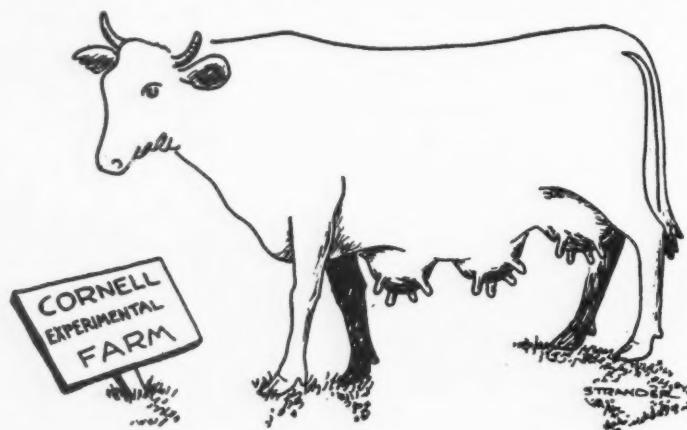
home, their own. They see how each family has its own goal and that each is an example of good management in its own way. They begin to understand the principles of good management as a basis for future management of their own.

"What is the meaning of the broad term 'good management'?" one freshman asked. Invariably, homemakers define it as "using as well as we can what we have in order to gain what we want." This, they insist, aids in getting satisfying results and a sense of accomplishment, and helps them to realize a way of life that is best for them. No one way is definitely good or poor for anyone, for so much of the individual and his surroundings depends upon the choices and the goals he makes.

Efficiency seldom accounts for good management, since rigidity in scheduling time and motions will not allow for a flexible program of living. For example, some homemakers might conceivably feel they had to accomplish the routine tasks of washing and ironing on certain set days, no matter whether this fell during a vacation time for the rest of the family or not. Good management considers the important aspects of job efficiency, but at the same time allows for the slight changes and interruptions of daily or weekly patterns.

All this is noted by students under Miss Cushman's guidance, but they go further in working with homemakers themselves. Choosing a particular family who has asked for help from the department, the girls work with the homemaker to discover her management problems and the conditions which she feels are hindering their solution. By gaining knowledge of the goals and desires of the individual and of the family, and by studying the equipment and conditions at hand, the students devise plans for bettering

(Continued on page 20)





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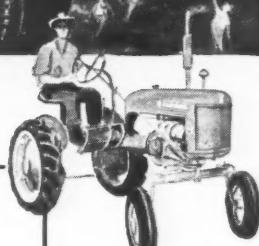
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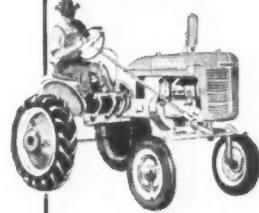
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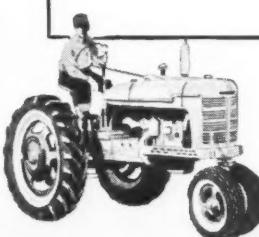
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CLUB NEWS

AZ

Seven new members have been initiated into AZ: Robert Dudley, Bernard Stanton, Dwight Reed, Ned Bandler, Raymond McAllister, Douglas Murray, and Wendell Loomis.

AZ was represented at the National Dairy Judging Contest by Bud Stanton, Germain Marion, and John Dewey. Joe Fairbank and David Morrow were on the Cornell Livestock Judging Team that went to Maryland and Chicago.

Dean Myers of the College of Agriculture was initiated into Alpha Zeta, at the Golden Anniversary celebrating the founding of the first chapter, at the meeting in Columbus, Ohio on Nov. 15-16.

4-H

The "Turkey Trot," a round and square vic dance, was held in Martha Van Rensselaer auditorium on Sat., Nov. 22. It was closely followed by an informal recreation party on Monday evening, Nov. 24.

The next social event scheduled is a skating party planned for Dec. 12.

Grange

The Cornell Grange has been busily taking in new members and reorganizing for a prospective good year. On November 4 these officers were elected for 1948: Karl Harris, Master; Anne Kovac, Lecturer; Les Howard, Overseer; John MacAbee, Steward; Ernest Shaufler, Assistant Steward; Kenneth Dohem, Chaplain; Bernard Stanton, Secretary; Vincent Marshall, Treasurer; Fred Hein, Gate Keeper; Mrs. Loomis, Ceres; Jean Kahles, Pomona; Myra Carmen, Flora; Peg Harris, Lady Assistant Steward; Dr. Bratton, Executive Committee Member. They will be installed December sixth at a joint meeting with Forest City Grange in the Odd Fellows Hall at Ithaca.

The first and second degrees were given on November eighteenth and the third and fourth on December second. A delegation of Cornell Grangers will receive their sixth degree at the State Grange meeting in Oswego, December 10th.

Kermis

On December 13, Kermis will again bring to the Cornell audience a riotous, laugh-packed show. When the actors step on the boards that Saturday they will present "Let's Get On With The Marryin'," featuring Mary Beth Finn, "Robbie" Robinson, Nancy Garber, Jane Overly, Eugene Warner and Don Vanderbrook.

For "Raising the Devil," Hennie Blumoff, Bob Davenport, Bill Johnson and Dick Corwith are the cast. "Lucy, the Farmer's Daughter" will bring Bill Meacham and Ginny Elliott, both of whom did such a swell job on the spring variety show, and other thespians to the public.

Kermis will present these plays again in several neighboring towns in early '48.

Ag-Domecon

Ag-Domecon Council's "Harvest Hop" round and square dance, held in Martha Van Rensselaer Hall on Friday, Oct. 31, was attended by over two-hundred students. Freshmen received special invitations encouraging them to come out and get acquainted with their fellow students. Cider and doughnuts were served.

Many of the guys and gals attending the Autumn Nocturne were surprised to find themselves buying refreshments from their Ag and Home Ec friends. Council members and many volunteers worked together to make the concession a success.



He says he won't leave until he finds out what happened to his brother.

With the addition of Donald House '51 as Freshman representative, the Council has been brought to full strength. At a previous meeting Charles Lewis '48, Jean Lawson '50, and Philip Davis '50 were seated.

In answer to a proposal that there should be something doing on the upper campus every weekend, the council decided to contact Ag and Home Ec organizations for further discussion. Special effort will be made to hold functions after weekend basketball games.

All Ag and Home Ec students are invited to attend the Council meetings, which are held in Room 121, Van Rensselaer Hall on the first and third Wednesday evenings.

AGR

On Sunday, Nov. 16 ten new members were formally initiated into AGR following a banquet at Taughannock Inn. They are: Franklin Bishop, Carl Brown, Jim Coulter, Bill Johnson, Larry Lewis, Wally McDougall, Barth Mapes, Dick Saville, Frederick Williams, and Ernest Young.

Their annual Fall formal dance and houseparty was held on Nov. 22.

Sears Scholarship

An informal meeting is planned for December 7 at 2:30 p.m. with movies and refreshments. Plans for future activities include entering a team in the intramural basketball league, and a dance later in the term.

Two Year

The Two-Year Club is planning a spaghetti supper in the Warren Seminar room on December 12.

Elkanah Watson conducted the first agricultural fair in 1807 in Pittsfield, Mass. The entire exhibit consisted of two Merino sheep, a ram and a ewe, and attracted much attention.

The Dairymen's League ... Heritage of Our Rural Youth



YOUR son and your neighbor's son represent the next generation of food producers. One day they'll take over the reins and begin farming on their own. When that day comes, our youth will benefit from a heritage left to them by some 27,000 Northeastern farmers. . . . their farmer-owned and controlled Dairymen's League Cooperative Association.

Today, League members market their milk through an efficient, result-getting organization. Services which the cooperative provides members cover not only the physical job of handling and marketing their milk efficiently, but also the broader services which benefit both farmers and consumers, through a more efficient and prosperous agriculture in the Northeast.

Northeastern farmers haven't always had their League and its services, however. Older members can recall when dairymen didn't always have a market for their milk. . . . nor receive fair payment for the milk they produced.

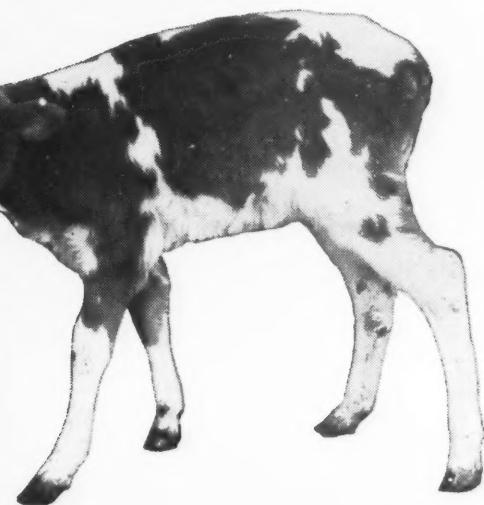
Some thirty years ago, the Dairymen's League was a milk bargaining agency only. It owned no milk plants. . . . no city distribution plants. . . . no facilities for manufacturing milk products. Dairymen had to depend on others for all these tools so vital in the marketing of their No. 1 crop — milk.

These farm families discovered that bargaining alone was not sufficient. Without marketing facilities of their own, their position was still insecure, their only weapon the withholding of milk. The answer was to make their organization an *operating cooperative*.

In the years that followed, Northeastern farmers — through their cooperative — began acquiring the tools that would assure them of a market for their milk every day of the year. Today, League members own and operate 106 conveniently located country plants. . . . a huge fleet of milk trucks, as well as hauling contracts with commercial truckers. . . . 18 city distribution plants. . . . contracts with more than 500 dealers. . . . and trained employees who handle, weigh, test and market milk to assure members of the greatest possible returns.

This is the Dairymen's League 29 years after its organization as a milk marketing cooperative. It was built by farmers — not without struggle and sacrifice — because they felt strongly the need for such an organization.

It is a heritage of today's rural youth — and of tomorrow's milk producers.



DAIRYMEN'S LEAGUE CO-OPERATIVE ASSOCIATION



Signs of Christmas

When on the barn's thatch'd roof
is seen
The moss in tufts of liveliest green;
When Roger to the wood pile goes,
And, as he turns, his fingers blows;
When all around is cold and drear,
Be sure that Christmas-tide is near.

When up the garden walk in vain
We seek for Flora's lovely train;
When the sweet hawthorn bower is
bare,
And bleak and cheerless is the air;
When all seems desolate around,
Christmas advances o'er the
ground.

When Tom at eve come home from
plough,
And brings the mistletoe's green
bough,
With milk-white berries spotted
o'er,
And shakes it the sly maids before,
Then hangs the trophy up on high,
Be sure that Christmas-tide is nigh.

When Hal, the woodman, in his
clogs,
Bears home the huge unwieldy logs,

That, hissing on the smouldering
fire,
Flame out at last a quiv'ring spire;
When in his hat the holly stands,
Old Christmas musters up his
bands.

When cluster'd round the fire at
night,
Old William talks of ghost and
sprite,
And as a distant barn-yard gate
Slams by the wind, they fearful
wait,
While some each shadowy nook ex-
plore,
Then Christmas pauses at the door.

When Dick comes shiv'ring from
the yard,
And says the pond is frozen hard,
While from his hat, all white with
snow,
The moisture, trickling, drops be-
low,
While carols sound, the night to
cheer,
Then Christmas and his train are
here.

Edwin Lees

Al Fontana

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They Help Farmers

(Continued)

Farmers throughout the country have come to realize that the farm is no longer the isolated unit that it was in the self-sufficing days of our grandfathers. Because of this realization and because of the expanding needs and interests of our rural population, the Association of Land Grant Colleges and Universities created a special committee on Post War Agricultural Policy to work on problems of regional, national, and international scope. To bring it even closer to the people, there will be County Rural Policy Committees composed of practical, experienced farmers, home makers, and others interested in rural affairs. Sticking closely to the traditions of the Extension Service, these committees will not decide what policies shall be adopted or what practices followed, but rather, shall study the facts and make recommendations. As always, the choice will be up to the individual citizen.

Grave Responsibility

With the Extension Service lies a grave responsibility. In the days to come the farmer will be concerned with inter-group and international relationships, the problem of peace or war, shall Europe starve or live, and shall there be high or low tariffs. He will have to face these problems and help make decisions concerning them. How he will do this will depend on his knowledge and understanding of the basic facts. The Extension Service has done a tremendous job of helping the farmers of the United States to grow bigger and better potatoes, to breed more productive cows, to have better homes, and to raise healthier children in the past. And in the future, it will do even more to help the farmer help himself.

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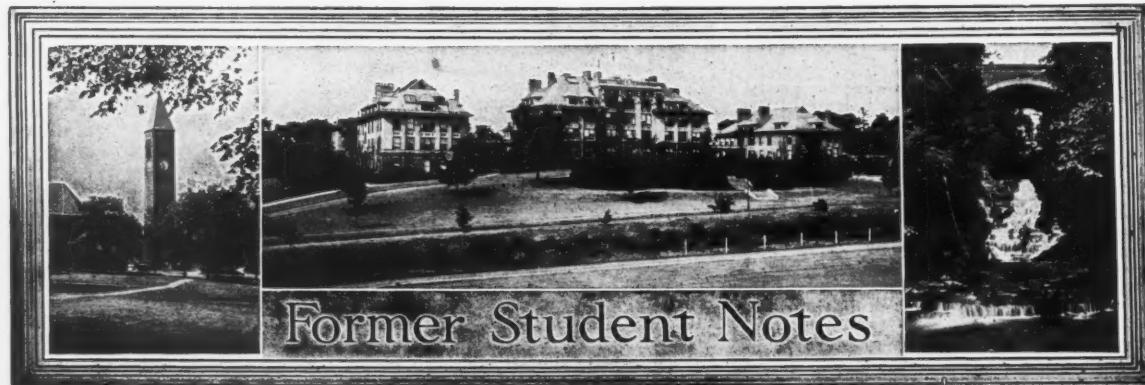
Completely revised, the sixth edition of this well known text appears in time for second term courses. Much new material has been incorporated into the book, including a complete new chapter on growth by Professor S. A. Asdell. Many new illustrations have been added.

Quarterly Review of Biology said of the fifth edition: "Originally designed for students of veterinary medicine, with the extensive revision and up-to-date presentation of the subject, the usefulness of the volume extends to workers in animal husbandry and practitioners of veterinary medicine. The volume will also be found invaluable in those biological laboratories where there is much experimental work with animals.

832 pages, \$7.00

Comstock Publishing Co.

INCORPORATED



1947

The former *Jean Hough* is now Mrs. Thornton Wierum. They were married August, 1947.

Shirley Green is now doing 4-H Club work in Wyoming County.

1946

Dorothy Idler became Mrs. Joseph Sanders on Oct. 11, 1947. They are residing in Buffalo, N. Y.

Marion Graham was married July 12, 1947, to Howard Blase.

Shirley Yenoff has been accepted for the merchandising training program of Hengerer Co., Buffalo, N.Y.

Mr. and Mrs. Donald French, formerly *Mildred Bond*, are the proud parents of twins born September 26, 1947.

Ann Haenseler, formerly with the Food Testing department of Continental Foods Inc., Hoboken, N.J., was recently married to *Edward Smykay*. They are residing at Hillside, N.J.

Elaine Windrum was recently married to *Raymond Kain*. *Elaine* is teaching at Pine Bush, N.Y.

Dorothy Jane Wendling became Mrs. Alfred J. Wood on June 21, 1947.

Lewellyn Mix is now doing graduate work in Animal Breeding at the University of Minnesota.

1945

Mary Powers recently became Mrs. Thomas P. Dowling. Mary had been a dietitian at the Albany City Hospital, Albany, N.Y.

Lee Melenbacher attended the New York Seed Growers School here at Ithaca on November 24-25.

1944

Mr. and Mrs. Charles Gredler, formerly *Eloise Proper*, are the proud parents of a son born July 7, 1947.

Formerly *Kathryn Beebe*, now Mrs. James Towner had a daughter September 10, 1947. She had been doing work in the Child Care Center, Philadelphia, Pa.

1943

Mr. and Mrs. Robert Murphy, formerly *Dorothy Brown*, are the proud parents of a daughter born August 14, 1947.

Barbara Patton is now the Editor of the Alford Baby Group Magazines of N.Y.C. She has been a photo-food technician at Hi-Wiliams Studio in N.Y.C.

Joan Royce was recently married to *Raymond Liddle* and they are residing at Stillwater, N.Y. She recently resigned from 4-H Club work in Saratoga Springs, N.Y.

1940

Joseph Brawnell will take over Assistant 4-H Club Agent duties in Jefferson County on December 1.

Roger Diehl became County 4-H Club Agent for Herkimer County on November 1, after serving as agent at large.

1939

Don Whiteman married Betty MacElroy of Delhi on September 27. The bride is the Delaware County Associate 4-H Club Agent. Don has been the assistant agricultural agent in Delaware County for the past twenty months.

1934

Harold Donner has recently purchased the Holstein farm of George Pringle, '33.

1930

Wayne Willis became County 4-H Club Agent of Otsego County on November 1.

1932

Ed Winchester transferred from Herkimer County to Cayuga County as County 4-H Club Agent on October 16.

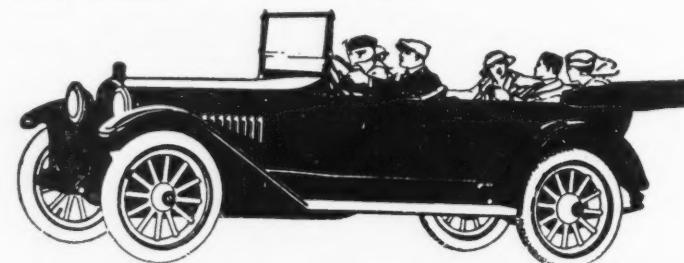
DAIRY TEAM

(Continued from page 11)
International standards and promote interest and intensive research in the field of dairy science. Thus they are of benefit to all who consume dairy products.

Benefit Students

Although much time is spent in preparation, (sometimes as much as three or four hours a day for weeks) the contests are beneficial to the students who participate, for they make contacts with other students, professors, and authorities in the field.

Prof. Guthrie considers the time well spent because "the contests provide students with the inspiration for critical examination of quality in dairy products; and, inasmuch as the contests are international in character, they result in more uniform grading of dairy products."



THE CORNELL COUNTRYMAN

Judging Team Places Second In Livestock Show

The Cornell Livestock Judging Team placed second at the International Livestock Show in Chicago, Illinois, November 29. There were one hundred and fifty contestants from thirty colleges judging classes of beef cattle, swine, sheep, and horses, and Cornell was the only team to place three men within the first ten. Germain B. Marion was 4th high man, Bernard F. Stanton 6th, and Joe Fairbank 9th. John Dewey and David Morrow also judged on the team with Stewart Fish as alternate. Professor John L. Miller coached this team which won contests at Eastern States and Maryland, and in placing second at Chicago completed the most successful year of livestock judging in the history of Cornell.

Lesson in a Mirror



Future producers of pork, beef and lamb, accustomed to seeing animals on foot, should be equally familiar with the carcass. For the carcass reflects the breeding, feeding, care and handling of livestock. Its quality determines the cuts, texture and flavor of the meat that is sold to the consumers. Knowledge of the carcass is the key to successful livestock production...success in any business hinges on the ability to give the public what it wants.

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Every Drop



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CAMPUS SNOW SCENES

A group of six deluxe views of creeks and waterfalls in winter. 10c each — \$1.00 dozen.

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A group of six reproductions of Chinese art, sold for the benefit of Chinese war orphans. 5c each — 50c dozen.

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Management

(Continued from page 12)

the situation. Sometimes it means changing the sequence of work or eliminating that which is unnecessary. Or it may be combining tasks, or even simplifying those necessary, depending on the problem at hand.

Centers for study, sewing, or dressing have been remarkably fashioned from the familiar orange crate. The savings in time and energy noted are well worth the time spent in creation. Too often people realize things are being done the hard way but cannot seem to find the time to do anything about it. As the girls will tell, it takes a lot of planning and really hard thinking to analyze and carry out improvements on a problem of management, but the satisfaction is more than worth it.

What could I tell my freshman friend of home management? The field is large, but essentially it is studying the judicious use of resources towards achieving desired ends, and in discovering this, the girls really do enjoy working with people in actual home situations. There's nothing quite like it.

Y'ars Ago . . .

1907—Advertisement—"You ought to have Cornell Cockerels with the Cornell Crow and Cornell Pullets with the Cornell Go." The winter course Poultry students are certainly showing what kind of collegians they can make. They have formed an association and have inaugurated a yell that is said to make one pine for scrambled eggs and fried chicken.

An undoubtedly interesting book was offered to students of Ag. Chemistry. The price is \$2.50, the title, "Manure and the Principles of Manuring."

1917—Dr. Liberty Hyde Bailey, former Dean of the College of Agriculture, returned in September from an extended tour through Japan and China.

1927—September registration of students in the Ag and Home Ec Colleges was listed as follows: Ag 664—Home Ec 332.

1937—The Cornell Dairy Products Judging Team placed first in Springfield, Mass., bringing the cup to Cornell for the first time. H. G. Webster of the Cornell team captured individual honors.

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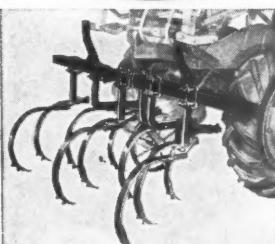
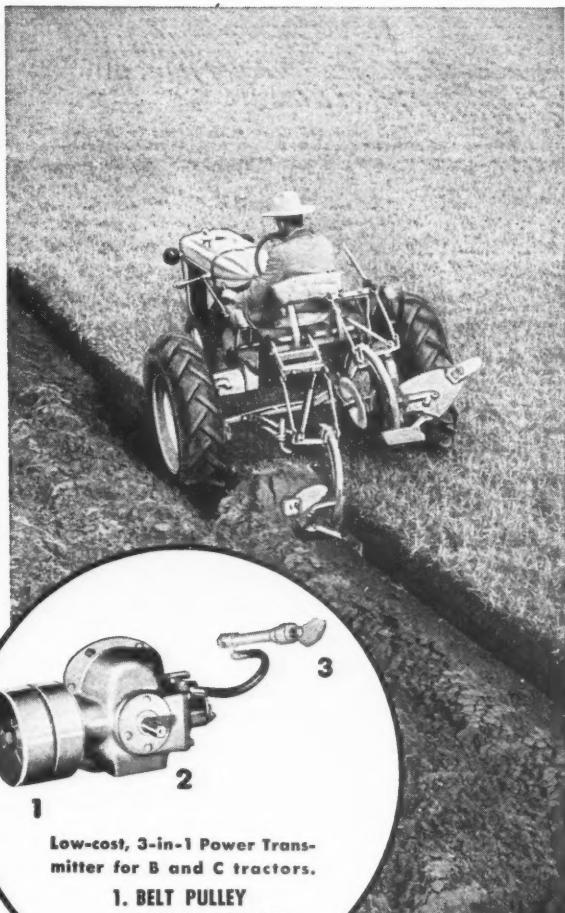
GIVE YOUR LAND A LIFT

Hydraulic Lift Implements OPERATE AT A FINGER'S TOUCH

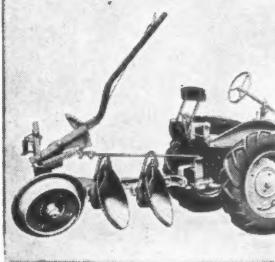
The right and left-hand bottoms of the two-way plow (pictured at right) are alternated in plowing back and forth across the field. All furrows are turned in one direction, leaving no dead furrow. In hilly land all furrows can be turned uphill, forming small terraces to catch and hold moisture. At the touch of a lever on the tractor, oil pressure in the hydraulic system instantly lifts or lowers either bottom of the plow.

This is how A-C hydraulic-lift implements can help undo the damage of heavy rains that leach and harden soils. Mellow, enriching humus must be worked back into the land. Terraces must be built on steeper slopes.

The new Allis-Chalmers tractor-mounted field cultivator, moldboard and disc plows—all with hydraulic control—can give a life-saving lift to your land this year.



1. New field cultivator available for the Model C tractor. Hydraulic lift. Adjustable to do work ranging from deep-penetrating field cultivator to shallow-tilling spring-tooth harrow or mulcher.



2. A touch of the hydraulic control lever lifts the A-C tractor-mounted disc plow instantly... an especially valuable feature for terrace construction.

FLASH!

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